

Message

From: Smith, Larry [larrysmit@pa.gov]
Sent: 3/9/2021 3:01:09 PM
To: Sklaney, Christopher [sklaney.christopher@epa.gov]
CC: Kevin Svitana [Kevin.Svitana@bsigroup.com]
Subject: Keystone Sanitation Landfill - 1,4-Dioxane Discharge Concentration
Attachments: ATT00001.txt

Chris,

Regarding the Keystone Sanitation Landfill and 1,4-dioxane, the NPDES-permit equivalency doesn't list 1,4-dioxane as a compound of concern. Would you be able to provide historical information on 1,4-dioxane and if it has been sampled for treatment system influent and effluent concentrations? I'm somewhat limited to what reports can be accessed on our server for this project. I have reviewed RFU, monitoring and recovery well (EW-7, K-3, etc.) lab data, and the Spring 2019 1,4-Dioxane Groundwater Monitoring Analytical Report (July 22, 2019), FYRs, and annual reports, but haven't noted mention of 1,4-dioxane treatment plant sampling. Since some of these groundwater concentrations are elevated (exceed MSC concentrations), I was uncertain if 1,4-dioxane is being discharged to the tributary, and if so at what concentrations.

My initial response is that the treatment facility is removing 1,4-dioxane; therefore, it isn't an issue. If you do not have plans for sampling the groundwater extraction well treatment system for this compound during an upcoming NPDES sample event, may I request that influent and effluent samples be collected for lab analysis of 1,4-dioxane?

Thanks for your help on this.

Larry B. Smith, P.G. | Licensed Professional Geologist
Department of Environmental Protection
Environmental Cleanup and Brownfields Program
909 Elmerton Avenue | Harrisburg, PA 17110
Phone: 717.705.4842 | Fax: 717.705.4830
www.dep.pa.gov



No trees were harmed sending this message. However, billions of electrons were excited to deliver it to you.

PRIVILEGED AND CONFIDENTIAL COMMUNICATION

The information transmitted is intended only for the person or entity to whom it is addressed and may contain confidential and/or privileged material. Any use of this information other than by the intended recipient is prohibited. If you receive this message in error, please send a reply e-mail to the sender and delete the material from any and all computers. Unintended transmissions shall not constitute waiver of the attorney-client or any other privilege.